Our Mission

To provide assistance, opportunities, and community for students to excel in the fields of Science, Technology, Engineering, and Mathematics (STEM). Comprehensive support involving outreach, recruitment, retention, and placement strategies aim to increase the number of qualified individuals on a successful path to leadership in community, industry, and academia.

Native Hawaiian Science & Engineering Mentorship Program

University of Hawaii at Mānoa
College of Engineering

Joshua Kaakua, MEP Coordinator
Kelli Ching, MEP Project Specialist
Daniel Lipe, MEP Project Specialist

2540 Dole Street
Holmes Hall 250
Honolulu, Hawaii 96822
Phone: 808-956-2289
Fax: 808-956-2291

Building Native Hawaiian Excellence in Science and Engineering Higher Education
Our Program

Open to all students, NHSEMP at UH Mānoa targets students of an underserved ethnicity in the STEM fields, including Alaskan Native, Native American, Native Hawaiian, Micronesian, and Pacific Islander (Fijian, Samoan, Tahitian, etc). Specifically, the program focuses on:

- **Academic Support** - learning communities, counseling and student services, tutoring for gateway courses, research, and internships.
- **Financial Support** - academic scholarships, advising, and student stipends.
- **Social** - speakers, brown bag sessions, conferences, travel, monthly general meetings, and good times.
- **Service** - student projects, outreach events, mentoring, and commitment to the Native Hawaiian and Pacific Island communities.

Our Program

**Tutoring and Study Sessions** are available to all students. Upperclassmen lead tutoring sessions in several gateway courses including Calculus, Chemistry, and Physics.

**General Meetings and Speaker Series** allow students to get together, plan for upcoming events, network with professionals, and keep abreast of future opportunities.

**Research and Internships** provide students with opportunities to broaden their academic horizons. NHSEMP students have participated in research in Hawaii and on the mainland including:
- Earthquake Engineering studies (University of Washington)
- Kumu A'o Cube Satellite (UH Mānoa)
- Nanotechnology in Renewable Energy (UH Mānoa)
- NASA Jet Propulsion Laboratory (Caltech)
- W.M. Keck Observatory (Big Island, HI)

Students also participated in:
- Sea Education Association-Semester at Sea
- Study Abroad in Lille, France
- Internships with local and mainland engineering and science companies

The Native Hawaiian Science & Engineering Mentorship Program is in partnership with:

**US Department of Education**
**The National Science Foundation:**
**LSAMP Pacific Alliance**
**Islands of Opportunity**

Academic Success

Outreach

**Summer Bridge Program** is a seven-week summer experience for incoming University of Hawaii Mānoa freshmen interested in applied sciences, civil, environmental, mechanical, or electrical engineering. Students have the opportunity to live, study, and work on the UH Mānoa campus and gain greater preparation for their first year of college at UH Mānoa.

Summer Bridge participants receive:
- Housing, meal plan, and tuition (expenses paid)
- An academic stipend
- Earn six credits of required UH Mānoa coursework
- Acquire knowledge and hands-on experience through research, projects, and activities
- Learn to navigate their way through the University of Hawaii system

**Community Service Sites** help link science and engineering to the Hawaiian community. These projects involve a range of activities from surveying and planting lo‘i in Hawi, Big Island, to designing and manipulating devices that better serve people with disabilities.